CLCS Review Item Disposition

1. Initiator	LAST NAME FIRST	2. Type of Review	3. RID Number
Name	Zucchelli, James	☐ General Document Review	00200-218
Organization	MDS&DS, LPS/Applications S/W	☒ PDR, CDR, **ABR**, PPR (circle)	
Phone	867-1312	☐ Other _____	
Fax	867-1093		

5a. Doc. Number	84K00200	6. Doc. Name	System Level Specification (SLS)
5a. Doc. Revision	Pre-Release 1		

6. Name of RID Team	SLS RID Review Team

7. Problem

Reference: Appendix A. – Glossary
Item Calibration

The example of a linear equation is incorrect.

8. Recommendation

Change the text to "Measurement Value = m * voltage + b, (where m is the slope of the line and b is the measurement value when the voltage is equal to zero.

☐ Hardcopy of Redlines/Comments Attached

9. Impact if recommendation not implemented

Duh

_____ _____
Initiator - Signature Submission Date

10. Team Recommendation

- ■ Accepted
- ☐ Rejected
- ☐ Study
- ☐ Withdrawn
- ☐ Deferred to CLCS CCB Screening Panel

Comments

RID Team Manager - Signature _____

11. Action Required

- ■ Update Document
- ☐ Study
- ☐ Other (specify) _____

Comments

See attached response

12. Final RID Closure Action

- ■ RID to be incorporated in next revision
- ☐ RID to be incorporated in other (specify)

RID Team Manager - Signature _____

13. Additional Comments/Notes

Due **NO LATER THAN** May 7, 1997

RESPONSE ATTACHMENT 200-218

The System Level Specification glossary entry for Calibration will be modified as follows:

Calibration - Calibration is the process of converting the digital representation of an analog measurement that has been acquired from a sensor to a floating point value that represents the calibrated engineering units of the measured quantity (e.g., pounds of pressure per square inch, temperature, speed, etc.). Sensors convert the measured quantities to an electrical voltage (an analog signal) which is subsequently converted to a digital quantity by an analog to digital converter (ADC). Sensors may introduce non-linearities into the measured quantities due to the physics of the measuring device. If the voltage output of the sensor has a linear relationship with the pressure measured by the sensor, engineering units can be calculated by the linear equation.

> Measurement Value = m * voltage + b, (where m is the slope of the line and b is the **measured quantity** value when the **voltage** is equal to zero.)

(Better? No Duh??)